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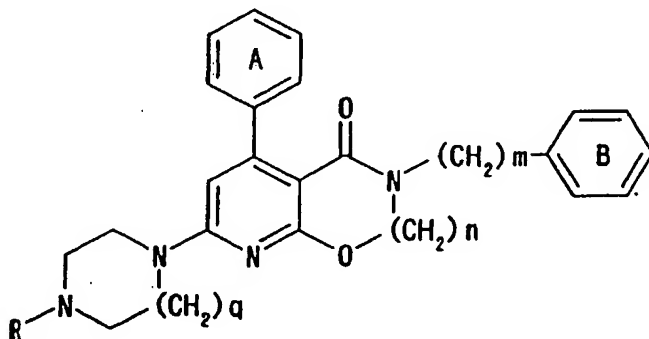
(84) 指定国 (広域): ARIPO 特許 (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), ユーラシア特許 (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), ヨーロッパ特許 (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI 特許 (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

添付公開書類:  
— 国際調査報告書

2 文字コード及び他の略語については、定期発行される各 PCT ガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

(54) Title: FUSED BICYCLIC PYRIDINE DERIVATIVE AS TACHYKININ RECEPTOR ANTAGONIST

(54) 発明の名称: タキキニン受容体拮抗剤としての縮合二環式ピリジン誘導体



(1)

(57) Abstract: A novel fused bicyclic pyridine derivative represented by the following general formula (1), which has an antagonistic effect on tachykinin receptors, especially on an NK1 receptor. It is a fused bicyclic pyridine derivative represented by the general formula (1): (1) (wherein rings A and B each represents a benzene ring optionally having one to three substituents (two adjacent substituents may be bonded to

each other to form a ring) each independently selected among halogen atoms, optionally substituted C<sub>1-6</sub> alkyls, and optionally substituted C<sub>1-6</sub> alkoxy; R represents C<sub>1-6</sub> alkylsulfonyl, C<sub>1-6</sub> alkylcarbonyl, C<sub>1-6</sub> alkoxy carbonyl, or formyl; m is 1 or 2; n is 2 or 3; and q is 1 or 2) or a salt of the derivative.

[続葉有]

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/03487

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.<sup>7</sup> C07D498/04, A61K31/496, 31/551, 31/553, A61P1/00, 1/04  
 1/08, 11/06, 11/14, 13/00, 13/02, 19/00, 25/02, 25/04,  
 25/06, 29/00, 43/00, 13/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.<sup>7</sup> C07D498/04, A61K31/496, 31/551, 31/553

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CAPLUS (STN), REGISTRY (STN)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6147071 A (TAKEDA CHEMICAL INDUSTRIES, LTD.), 14 November, 2000 (14.11.00), & CN 1140172 A & JP 9-263585 A	1-11
A	EP 652218 A1 (TAKEDA CHEMICAL INDUSTRIES, LTD.), 10 May, 1995 (10.05.95), & CA 2135440 A & US 5585385 A & JP 8-67678 A	1-11
A	WO 97/24356 A1 (JANSSEN PHARMACEUTICA N.V.), 10 July, 1997 (10.07.97), & EP 843679 A1 & NO 9802405 A & US 6251894 B1 & JP 2000-506503 A	1-11

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:  
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 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
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 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
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Date of the actual completion of the international search  
 05 June, 2003 (05.06.03)

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